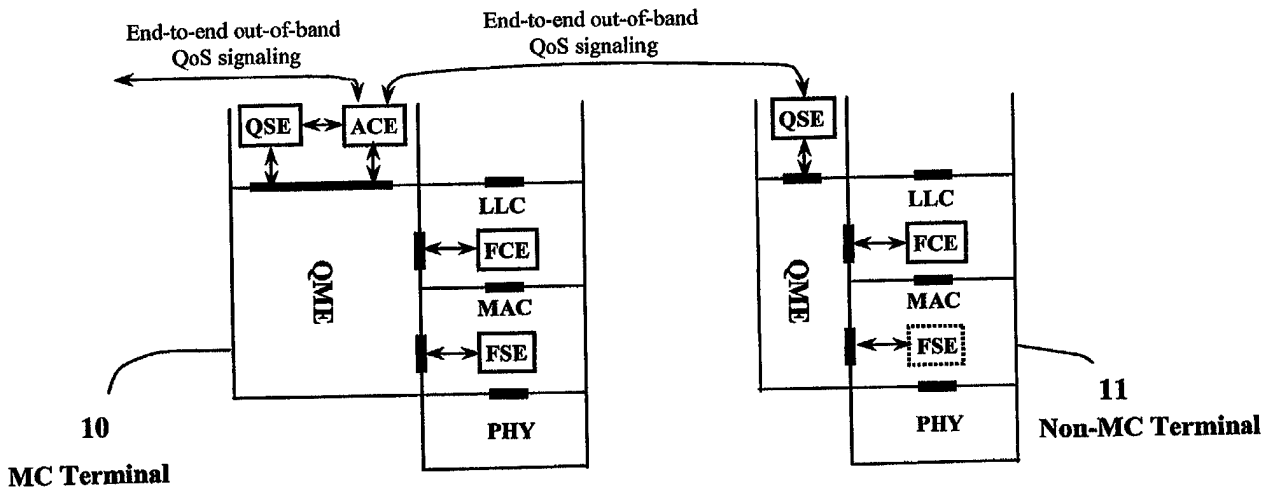
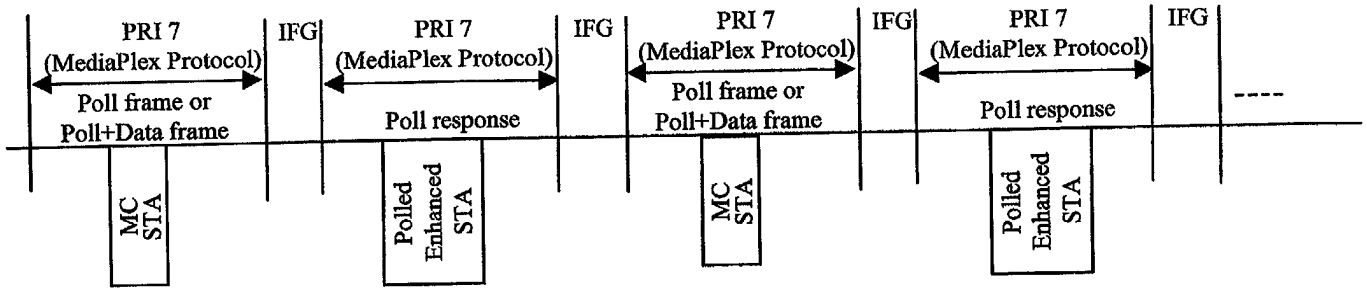

End-to-end out-of-band
QoS signaling
End-to-end out-of-band
QoS signaling
QSE
ACE
QME
LLC
FCE
MAC
FSE
PHY
10
MC Terminal
QSE
QME
LLC
FCE
MAC
FSE
PHY
11
Non-MC Terminal

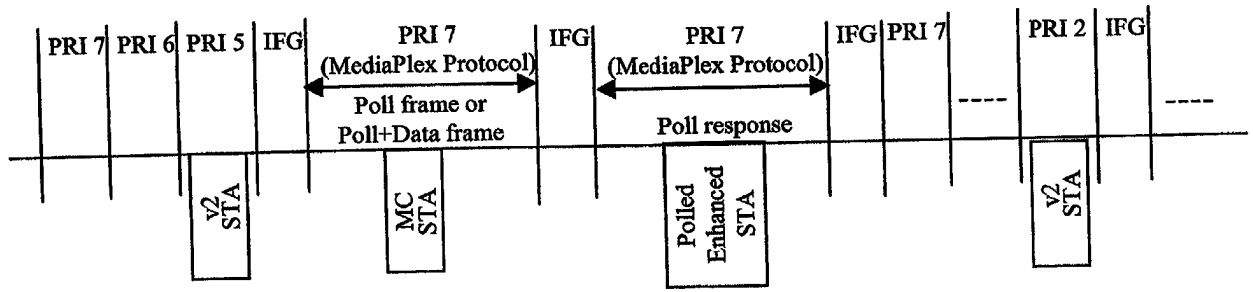
Fig. 1A



Pending traffic:

PRI 7 from MC STA PRI 5 from v2 STA PRI 2 from v2 STA	PRI 7 from enhanced STA PRI 5 from v2 STA PRI 2 from v2 STA	PRI 7 from MC STA PRI 5 from v2 STA PRI 2 from v2 STA	PRI 7 from enhanced STA PRI 5 from v2 STA PRI 2 from v2 STA	PRI 5 from v2 STA PRI 2 from v2 STA

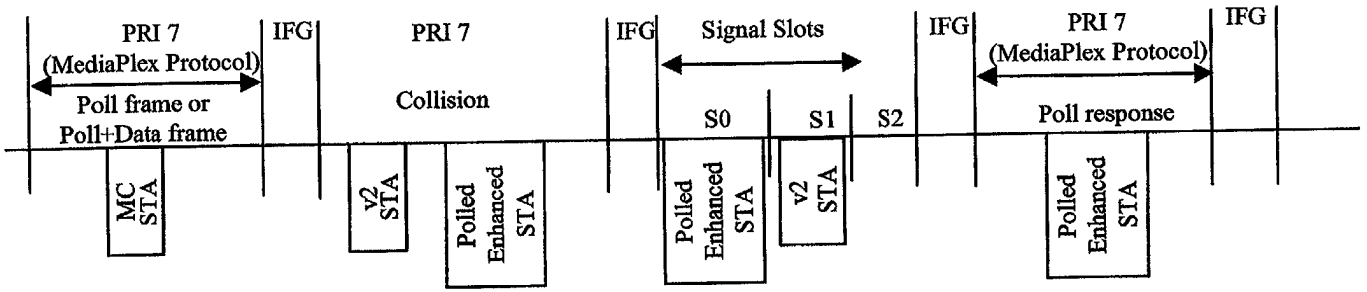
Fig. 1B



Pending traffic:

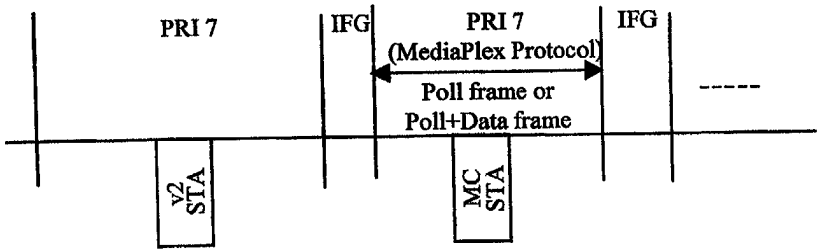
PRI 5 from v2 STA PRI 2 from v2 STA	PRI 7 from MC STA PRI 2 from v2 STA	PRI 7 from enhanced STA PRI 2 from v2 STA	PRI 2 from v2 STA

Figure 1C



Pending traffic:

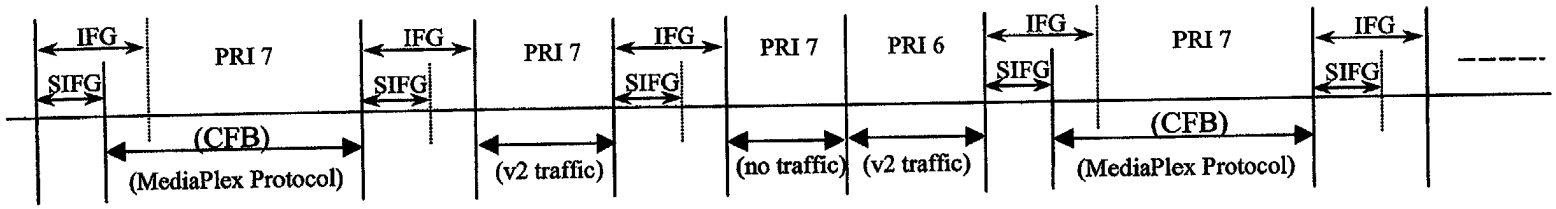
PRI 7 from MC STA PRI 6 from v2 STA	PRI 7 from enhanced STA PRI 7 from v2 STA PRI 6 from v2 STA	PRI 7 from enhanced STA PRI 7 from v2 STA PRI 6 from v2 STA	PRI 7 from enhanced STA PRI 7 from v2 STA PRI 6 from v2 STA	PRI 7 from v2 STA PRI 6 from v2 STA



Pending traffic:

PRI 7 from MC STA PRI 6 from v2 STA	PRI 6 from v2 STA

Figure 2



Enhanced STA have pending traffic and have higher priority to gain access to media over v2 STA.	Enhanced STA have no pending traffic. v2 PRI 7 STA gains access to media.	Enhanced STA and v2 PRI 7 STA have no pending traffic. v2 PRI 6 STA gains access to media.	Enhanced STA have pending Traffic and have higher priority to gain access to media over v2 STA.

Figure 3

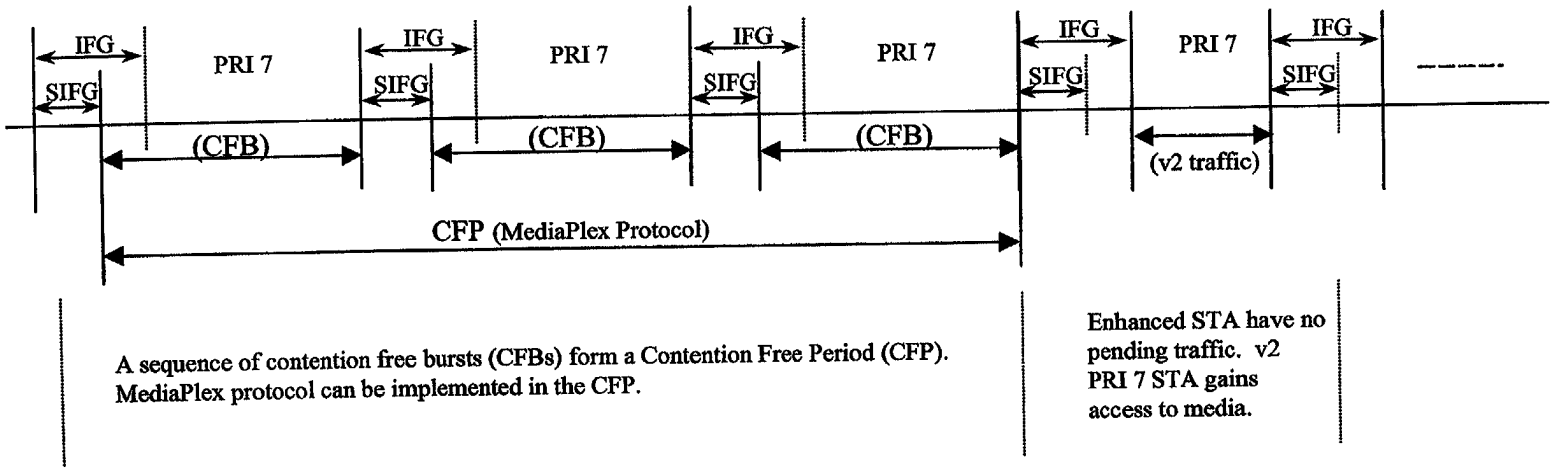

IFG
SIFG
PRI 7
(CFB)
CFP (MediaPlex Protocol)
(v2 traffic)
A sequence of contention free bursts (CFBs) form a Contention Free Period (CFP). MediaPlex protocol can be implemented in the CFP.
Enhanced STA have no pending traffic. v2 PRI 7 STA gains access to media.

Figure 4

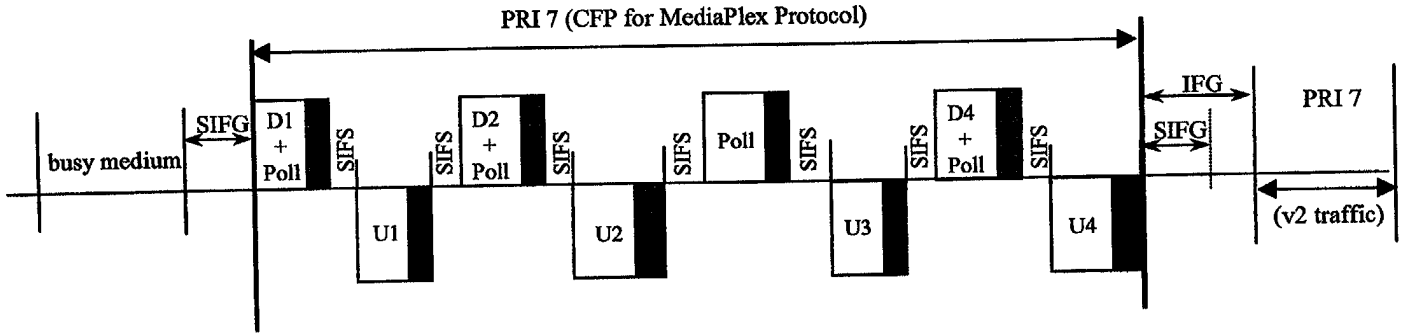

PRI 7 (CFP for MediaPlex Protocol)
busy medium
SIFG
D1
+
Poll
SIFS
U1
SIFS
D2
+
Poll
SIFS
U2
SIFS
Poll
SIFS
U3
SIFS
D4
+
Poll
SIFS
U4
IFG
SIFG
PRI 7
(v2 traffic)

Figure 5

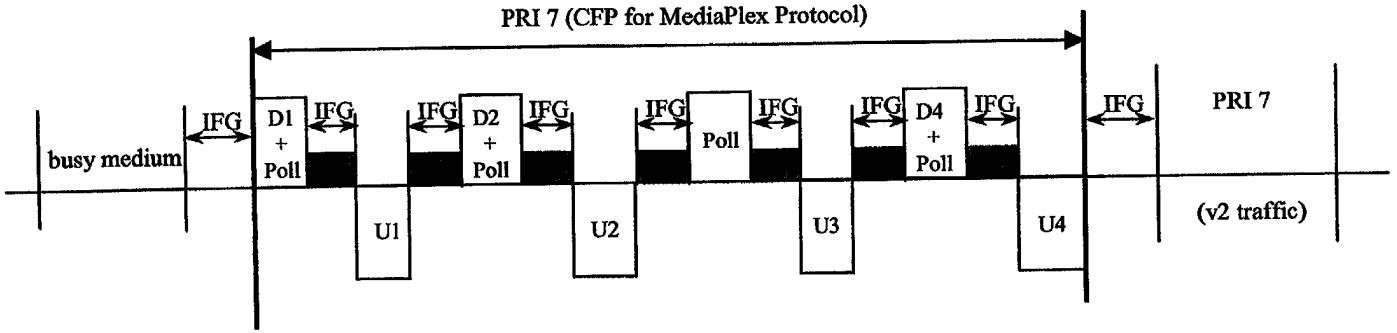

PRI 7 (CFP for MediaPlex Protocol)
busy medium
IFG
D1
+
Poll
IFG
U1
IFG
D2
+
Poll
IFG
U2
IFG
Poll
IFG
U3
IFG
D4
+
Poll
IFG
U4
IFG
PRI 7
(v2 traffic)

Figure 6

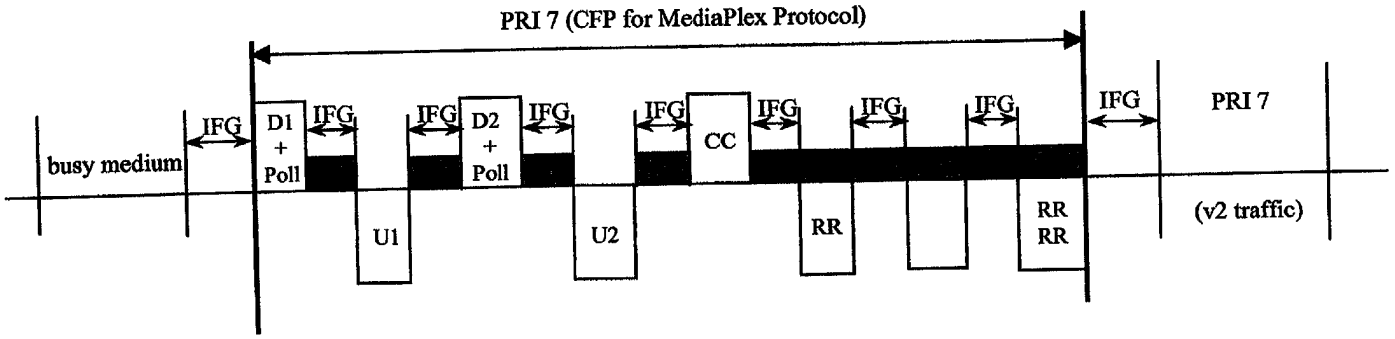

PRI 7 (CFP for MediaPlex Protocol)
busy medium
IFG
D1
+
Poll
IFG
U1
IFG
D2
+
Poll
IFG
U2
IFG
CC
IFG
RR
IFG
IFG
RR
RR
IFG
PRI 7
(v2 traffic)

Figure 7

20TT0" 2hT2h0T

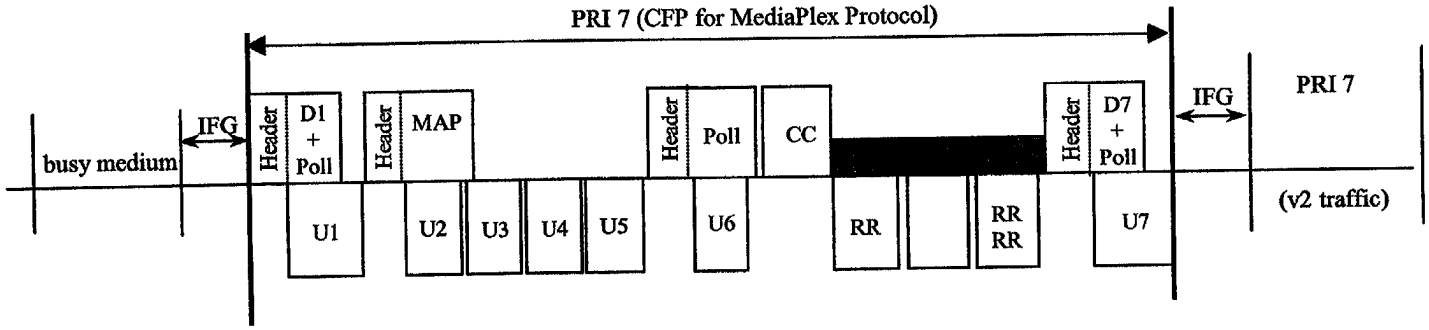


Figure 8